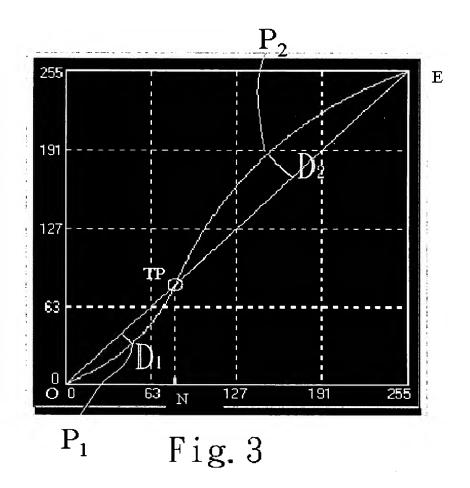


Fig. 2 S-curve tone process



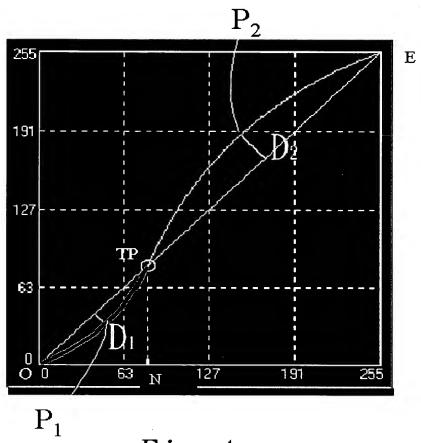


Fig. 4

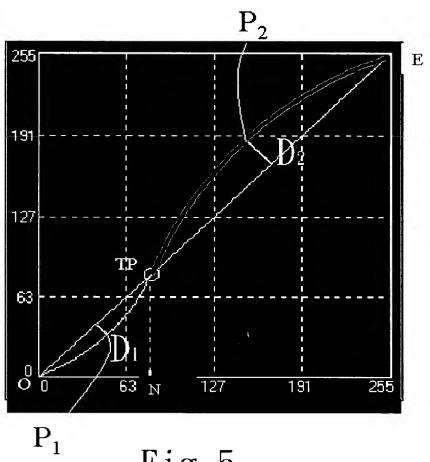


Fig. 5









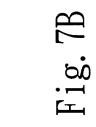
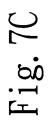


Fig. 7A



1/3 (TP=3)

1/2 (TP=2)

Images Before and After process







1/3 (TP=3)

1/2 (TP=2)

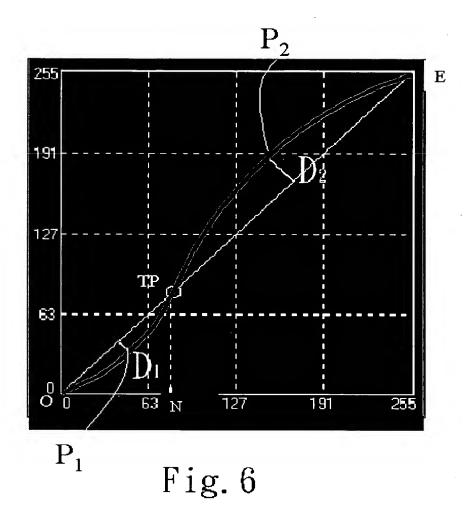
Original

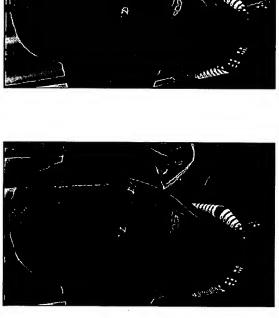
Fig. 8B

Fig. 8A

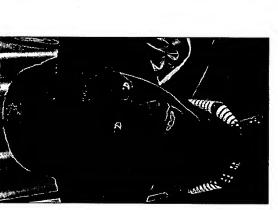
Fig. 8C

Images Before and After process





Original image



1/2 (TP=2)



Fig. 9C

Fig. 9B

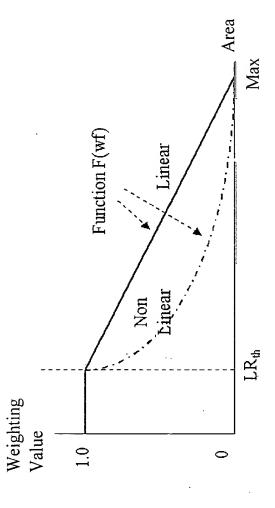
Fig. 9A

Images Before and After TP process

Fig. 10C

Fig. 10B

Fig. 10A



$$\label{eq:finear} \begin{split} & \text{Linear F(wf):} \\ & F(wf) = 1, \text{ if LR} < LR_{th} \\ & F(wf) = (1 - LR_{th}) / LR \ , \text{ if LR} \geq LR_{th} \end{split}$$

Fig. 11